

Fig. 1

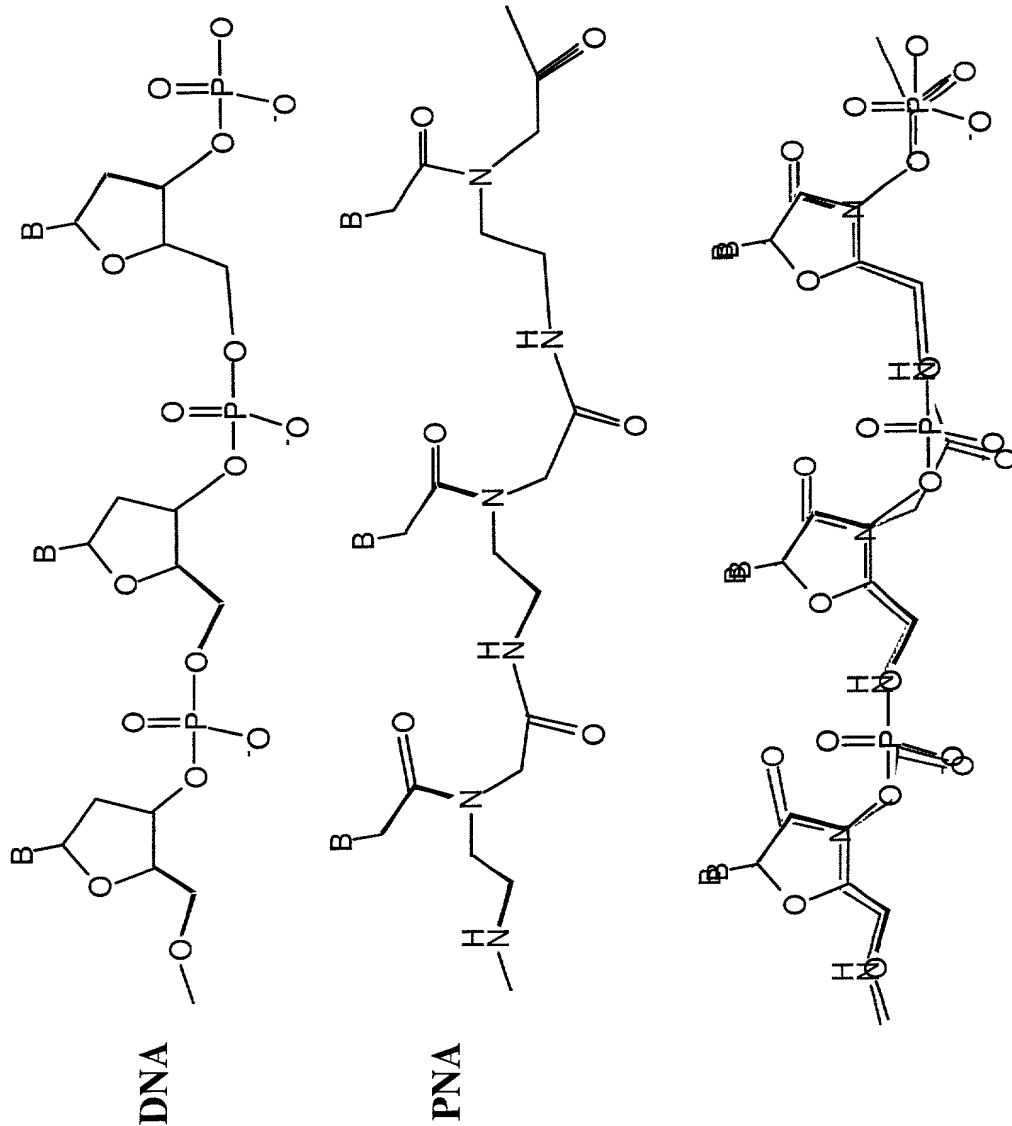


Fig. 2A

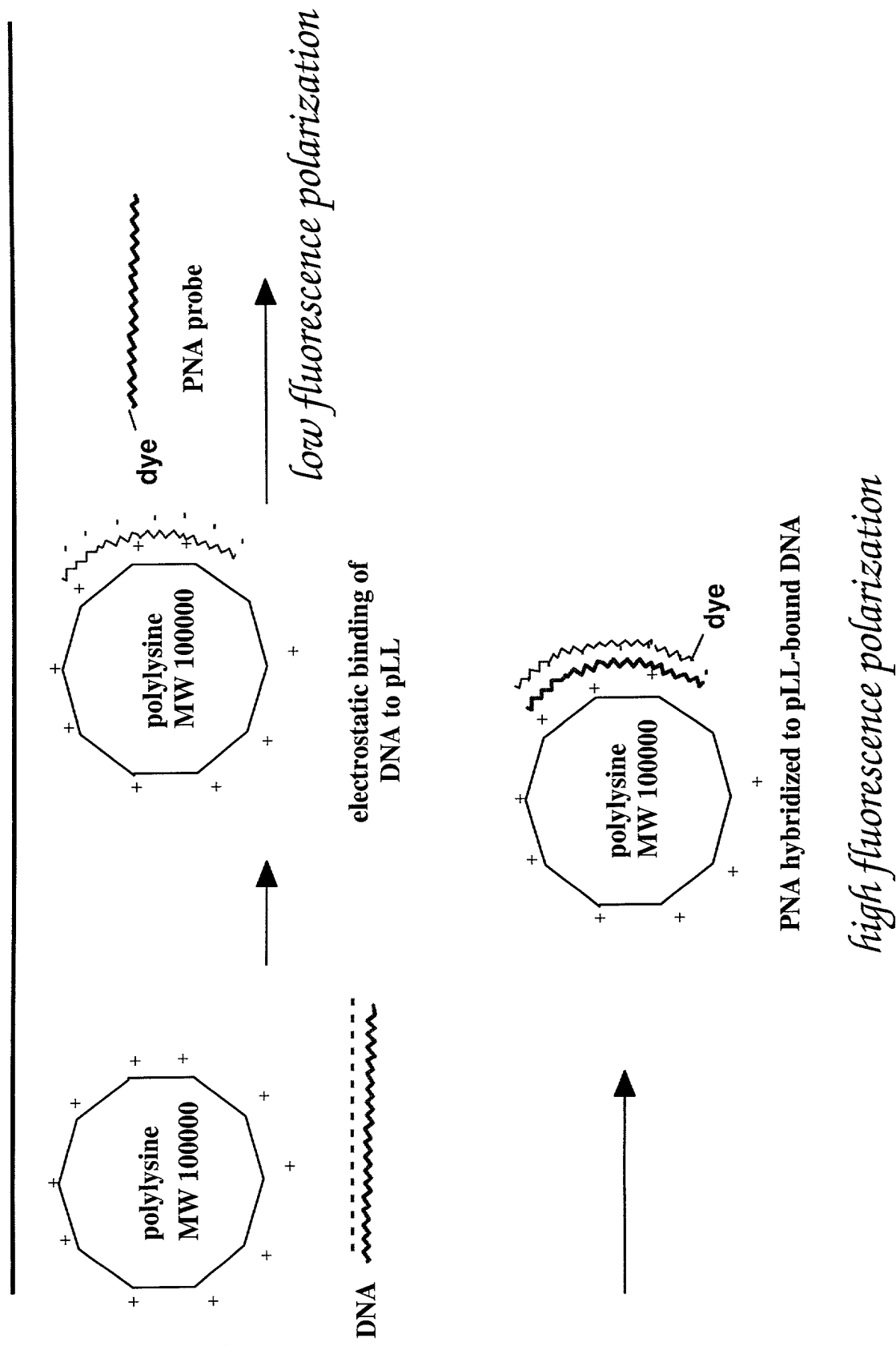


Fig. 2 B

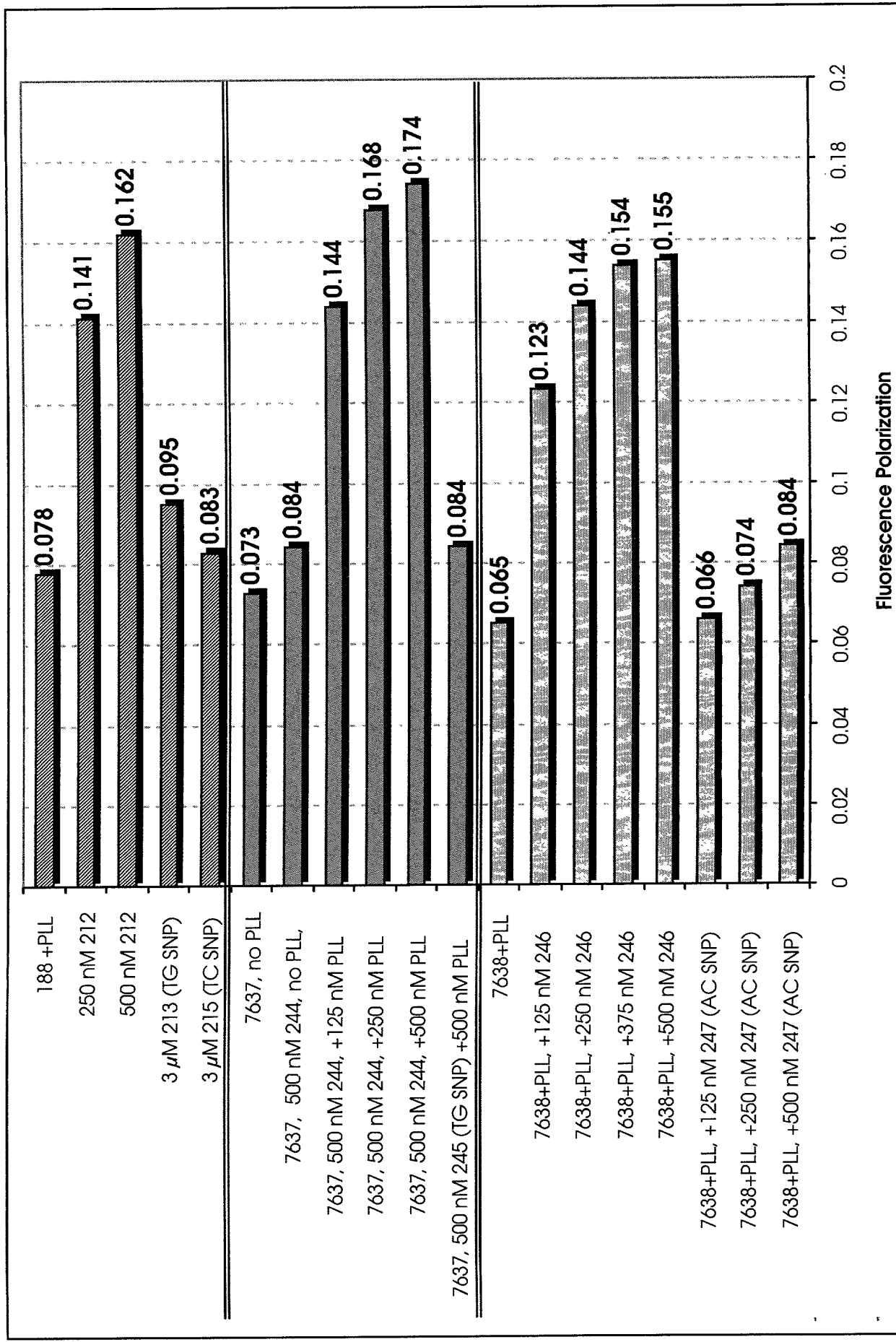
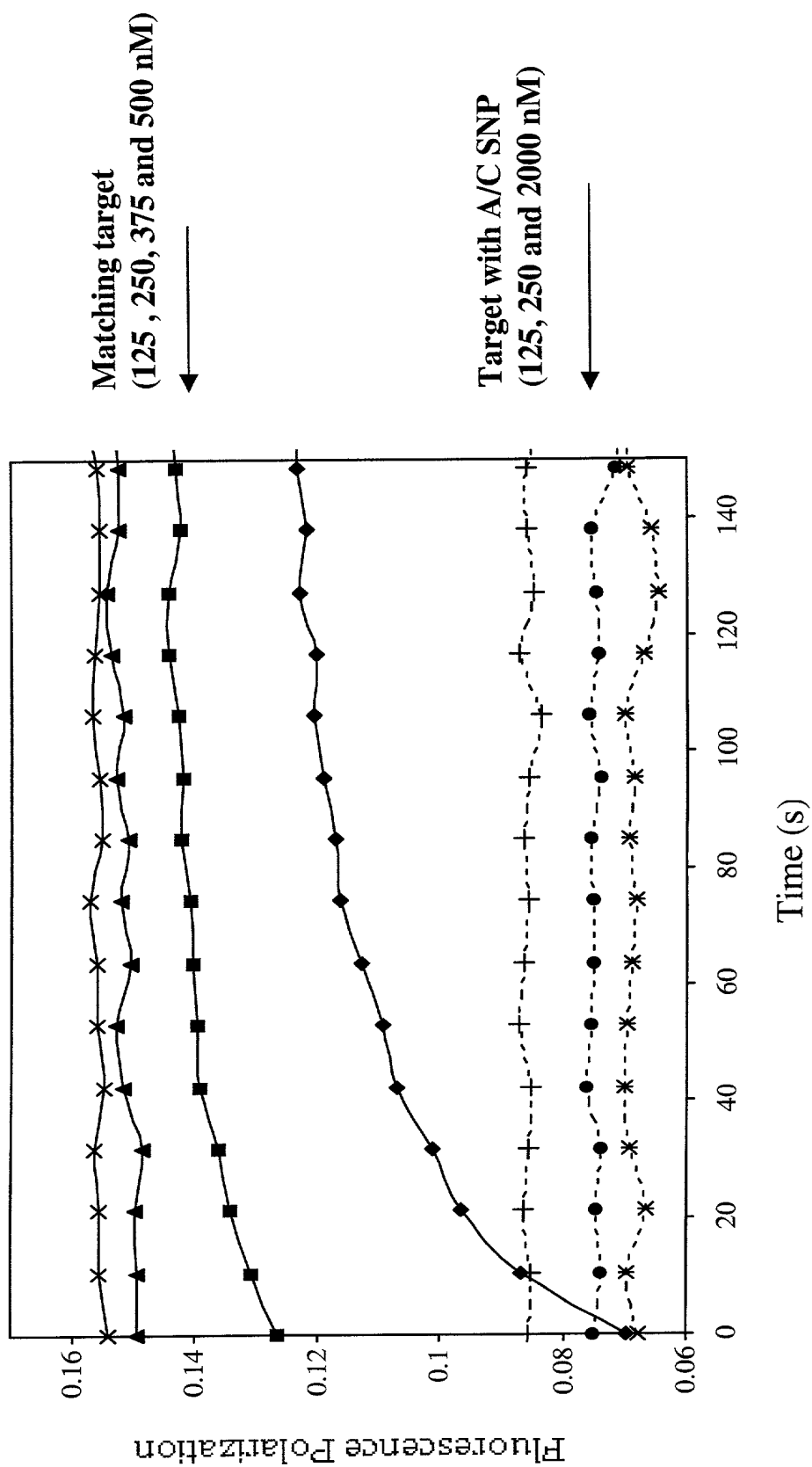


Fig. 2C



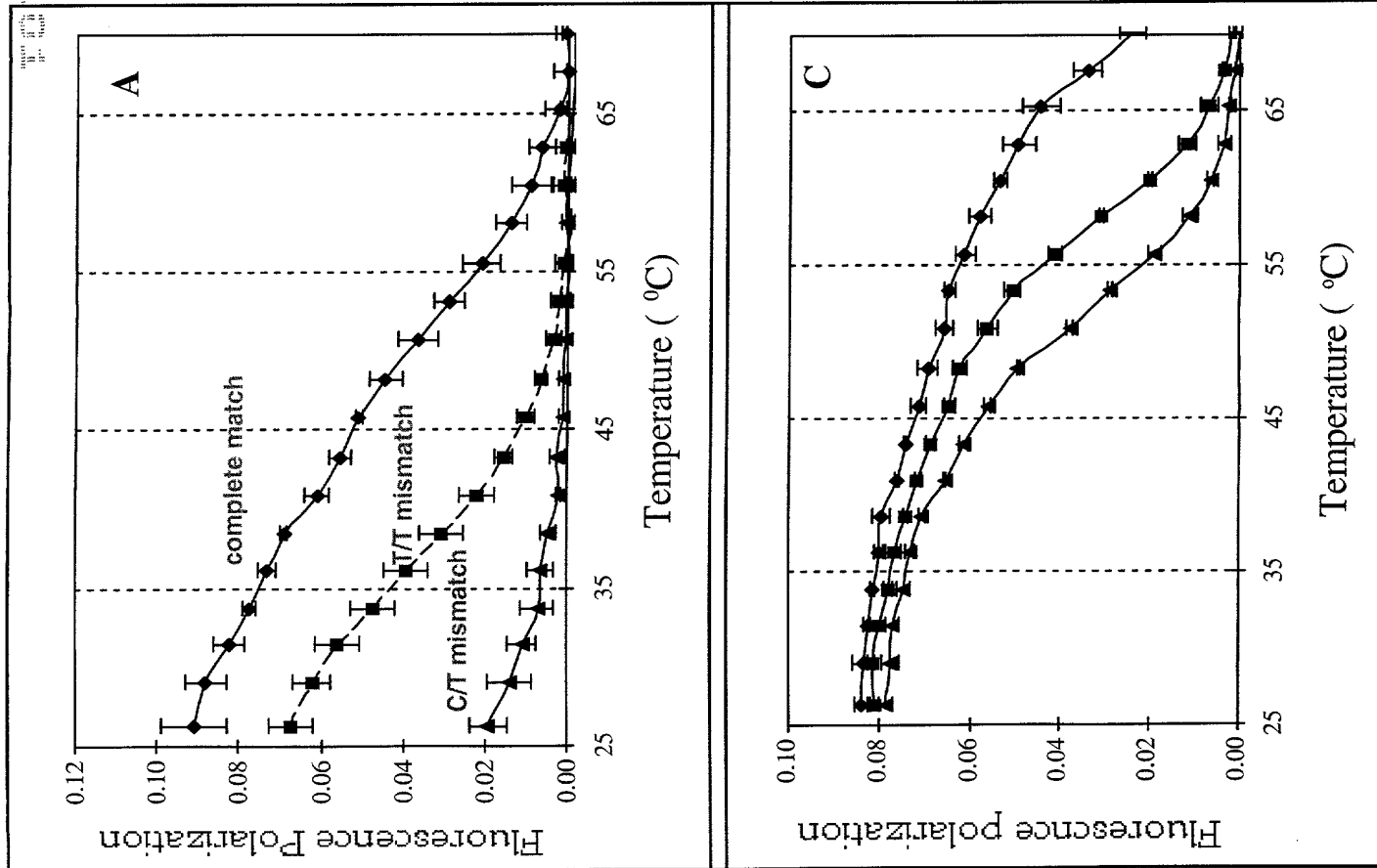


Fig. 2D

- A. PNA probe 188 (9mer)**
- B. PNA probe 201 (11mer)**
- C. PNA probe 202 (13mer)**

Fig. 2E

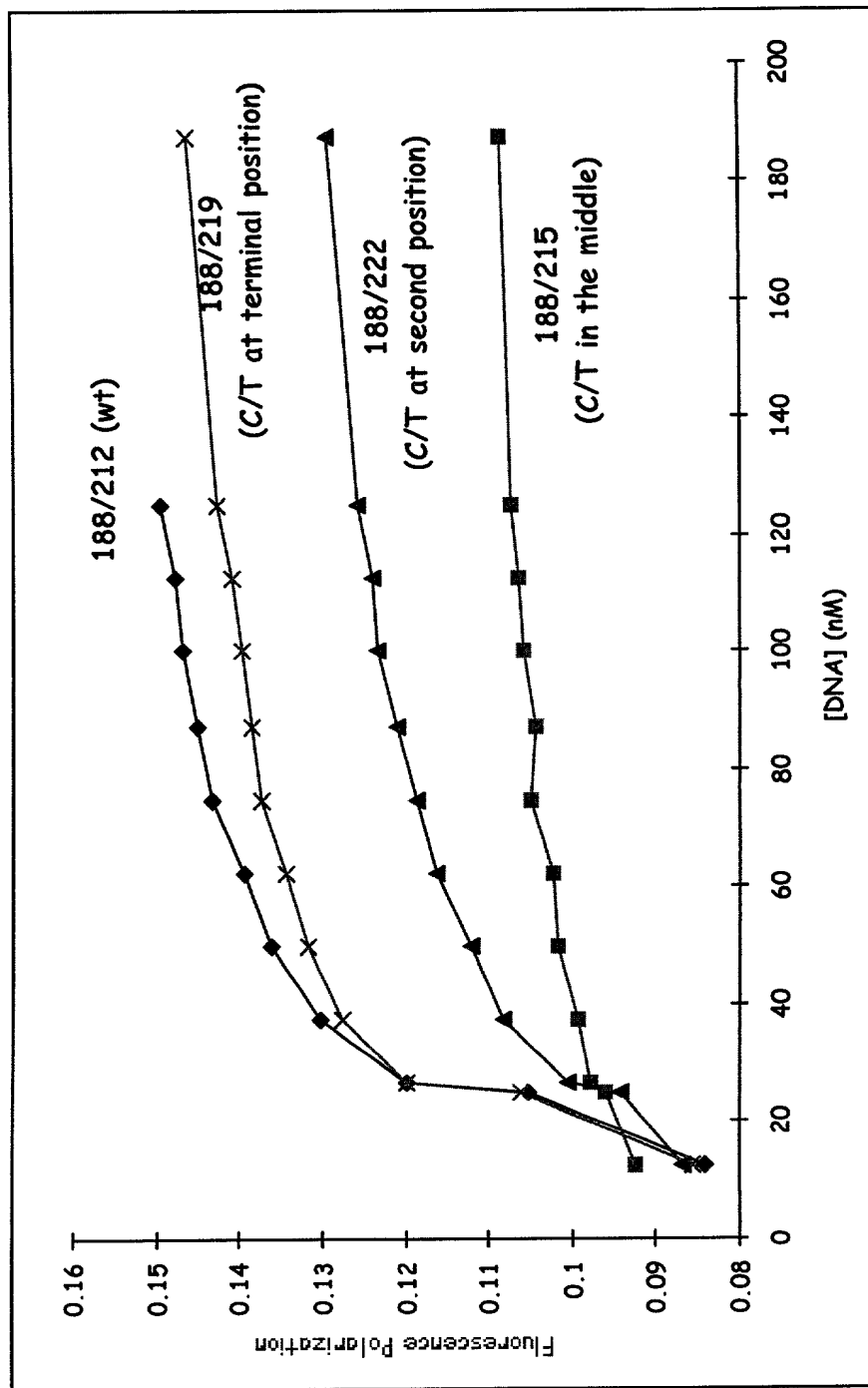


Fig. 3A

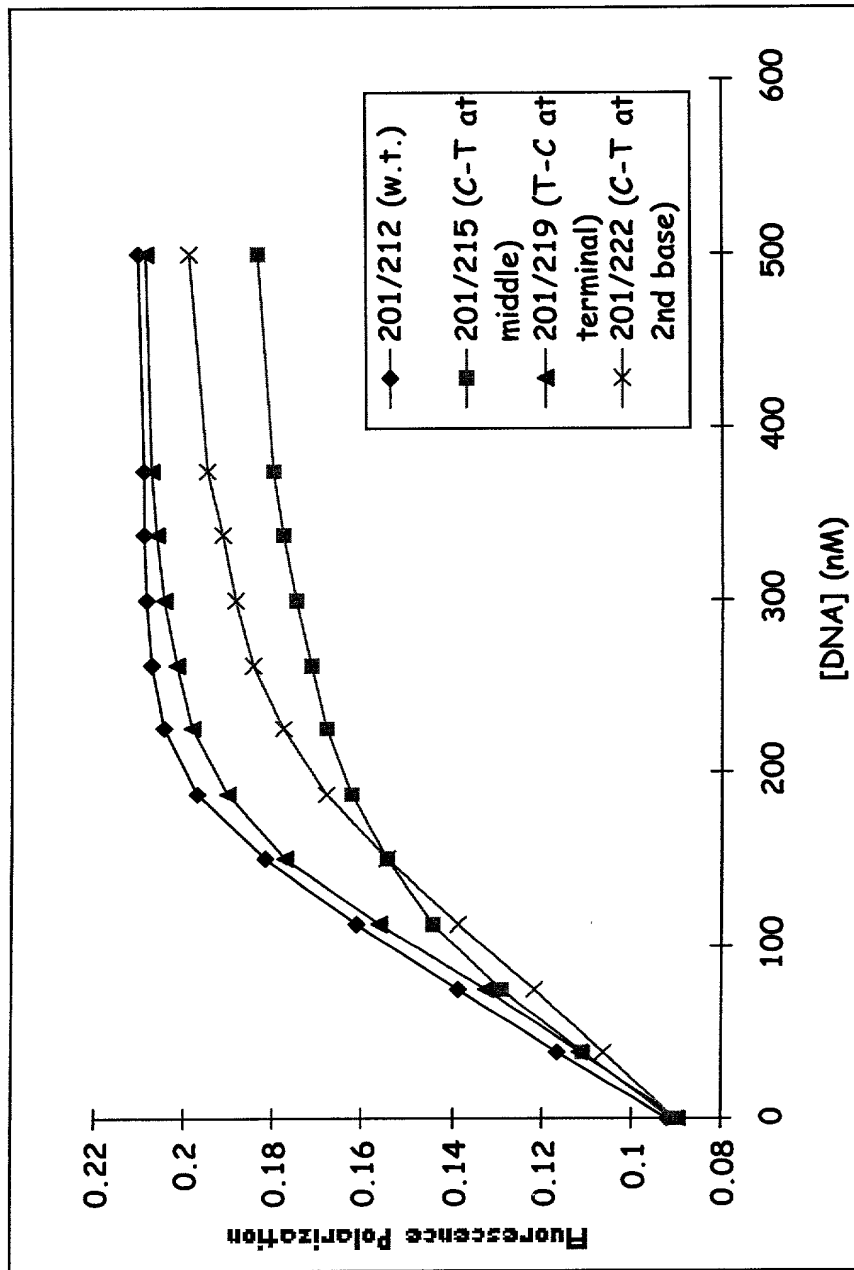


Fig. 3B

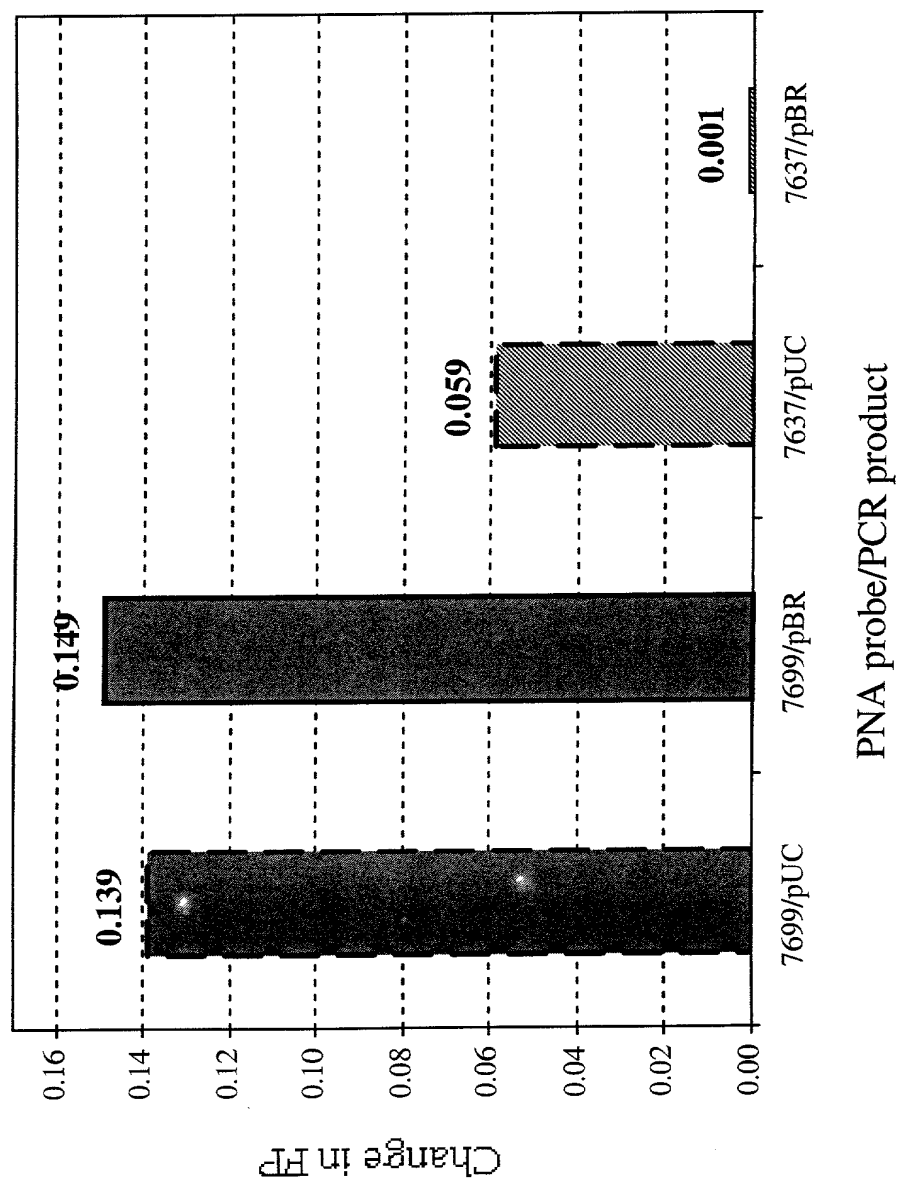


Fig. 3C

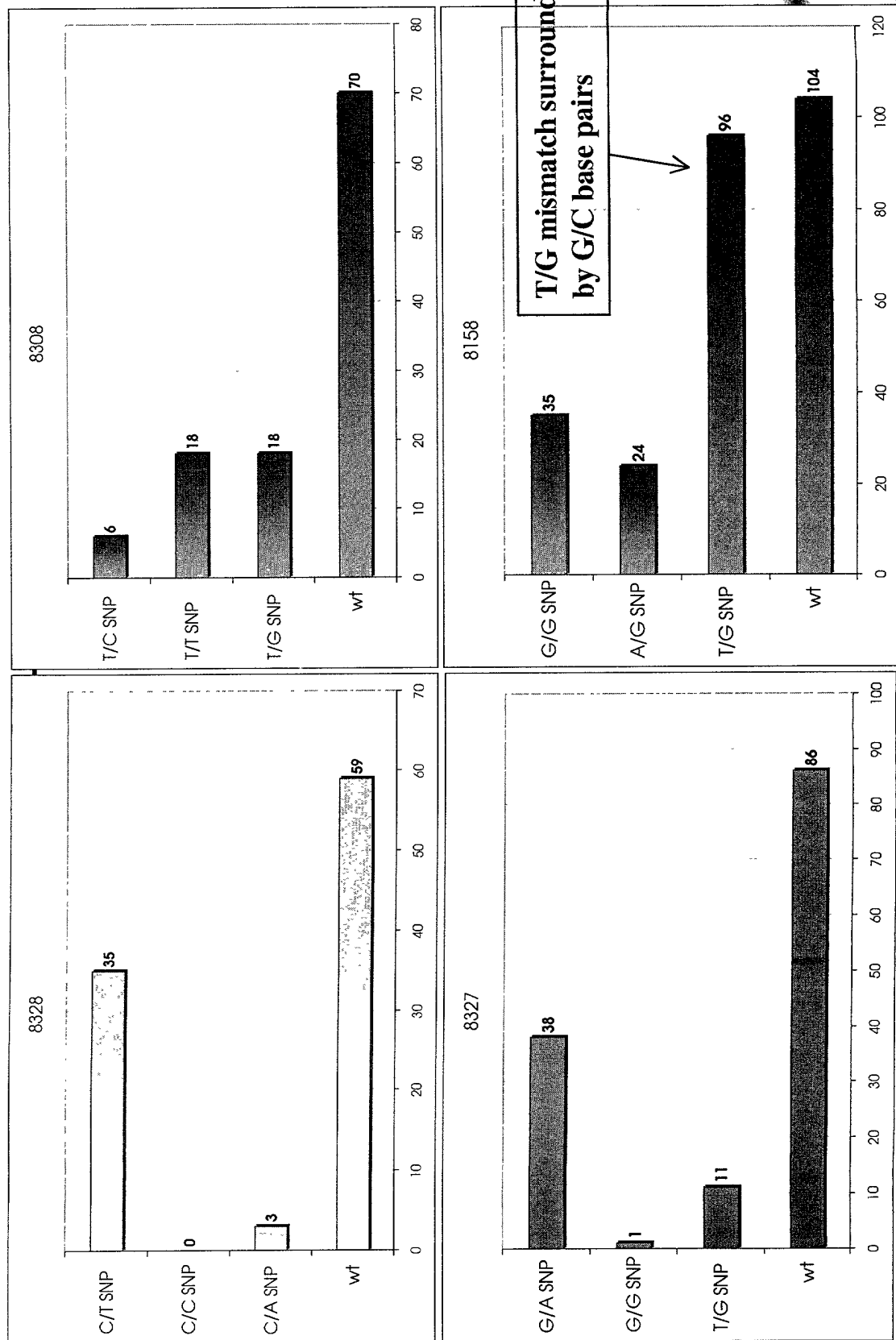


FIG. 3D

Fig. 3D

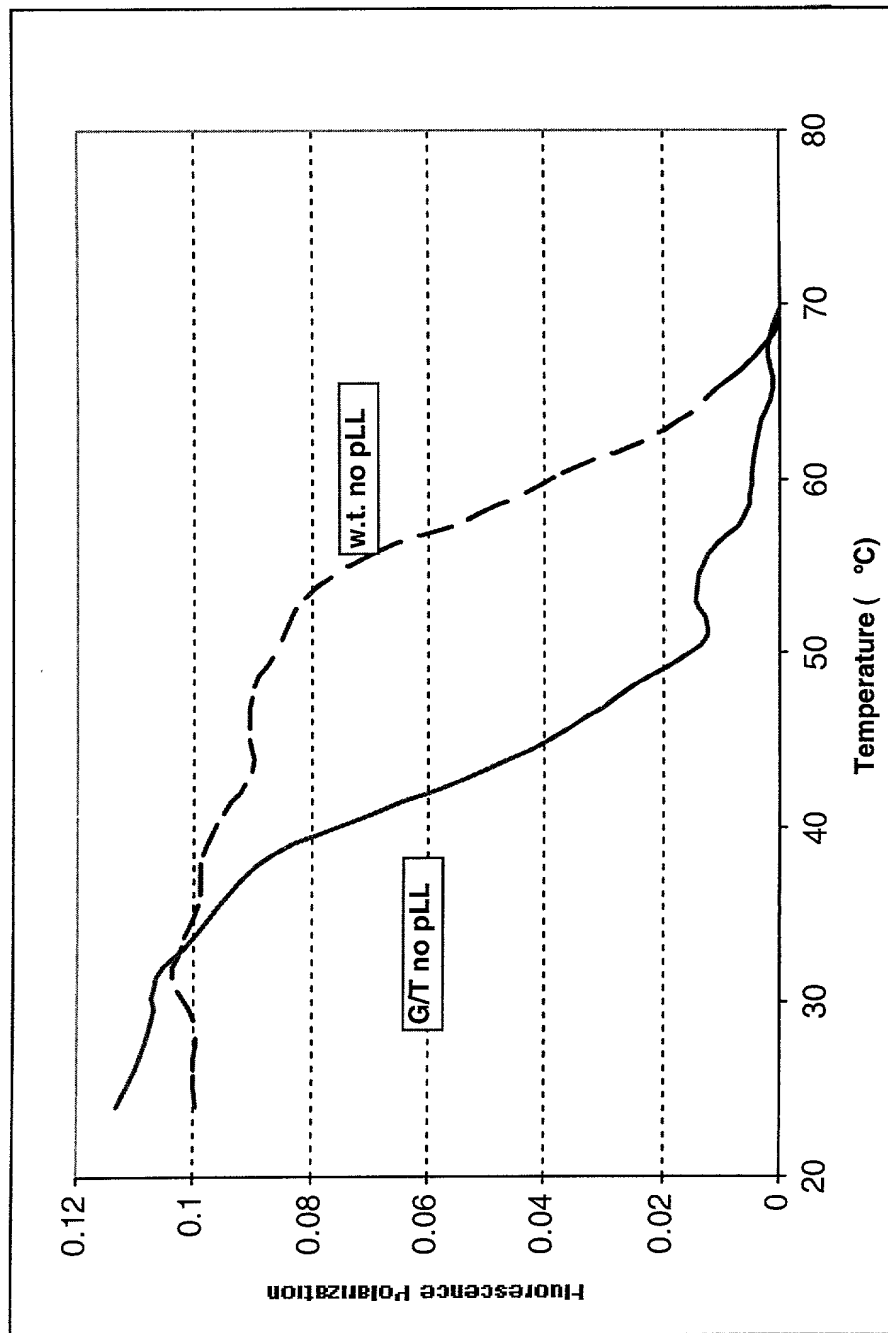


Fig. 4A

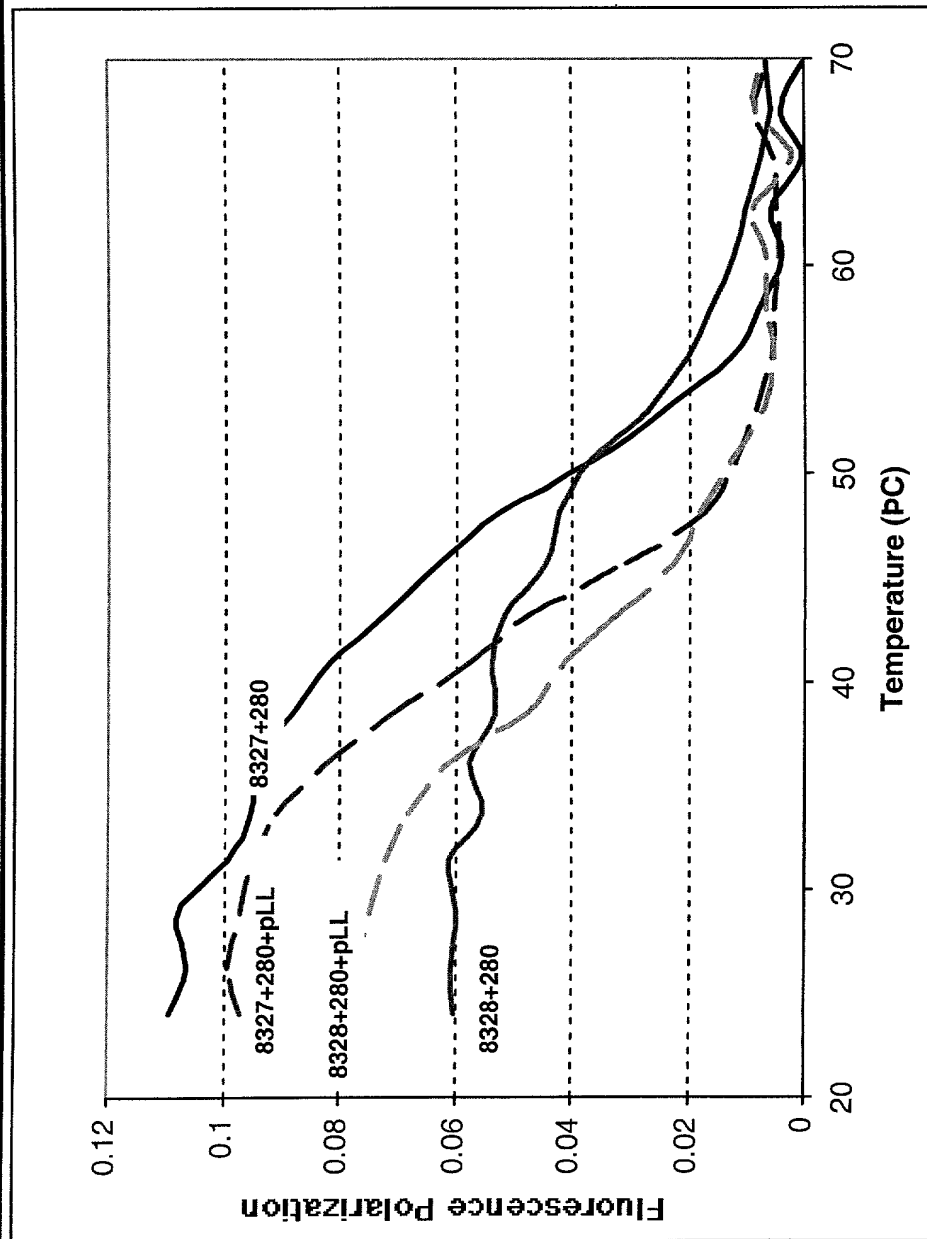


Fig. 4B

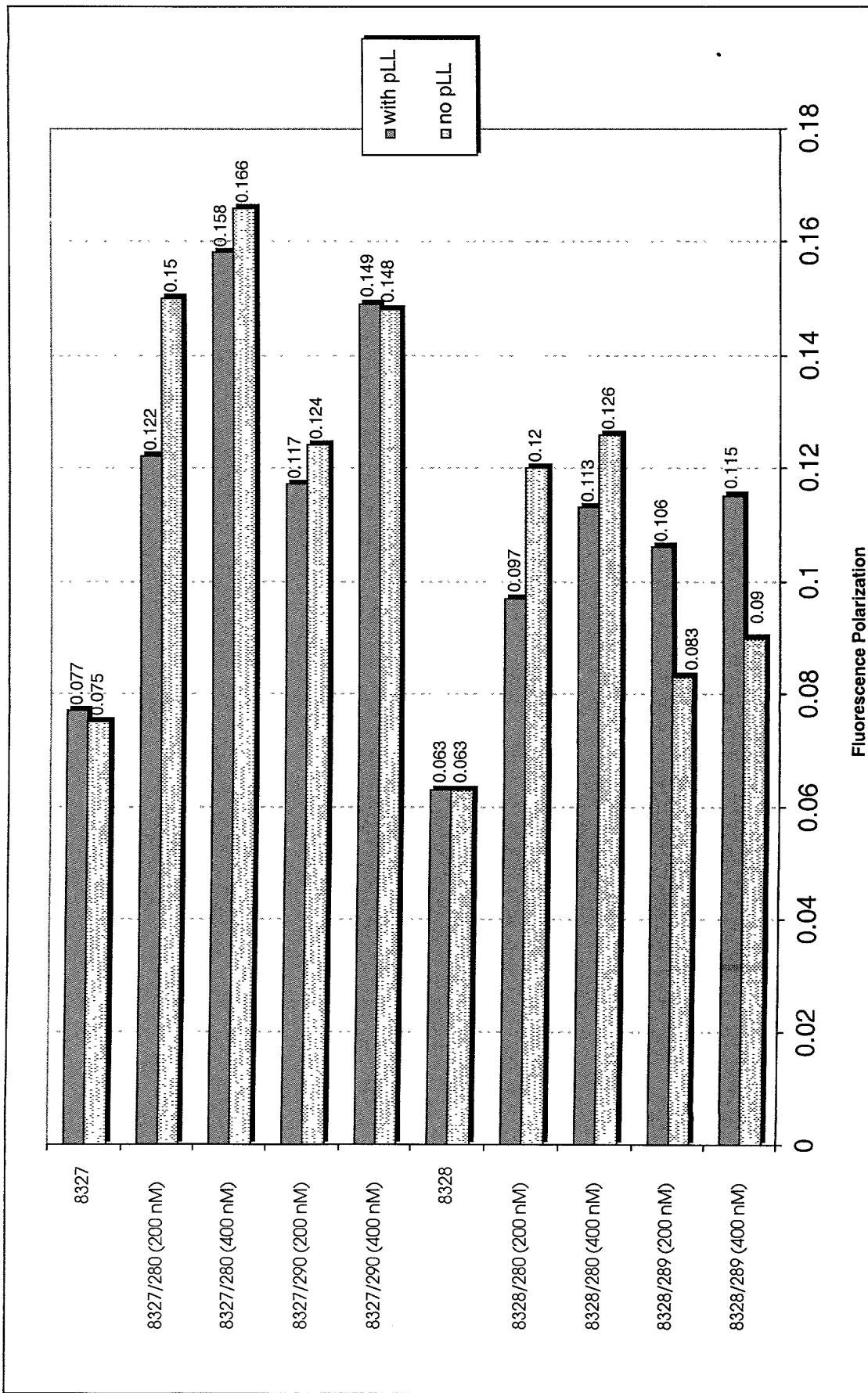
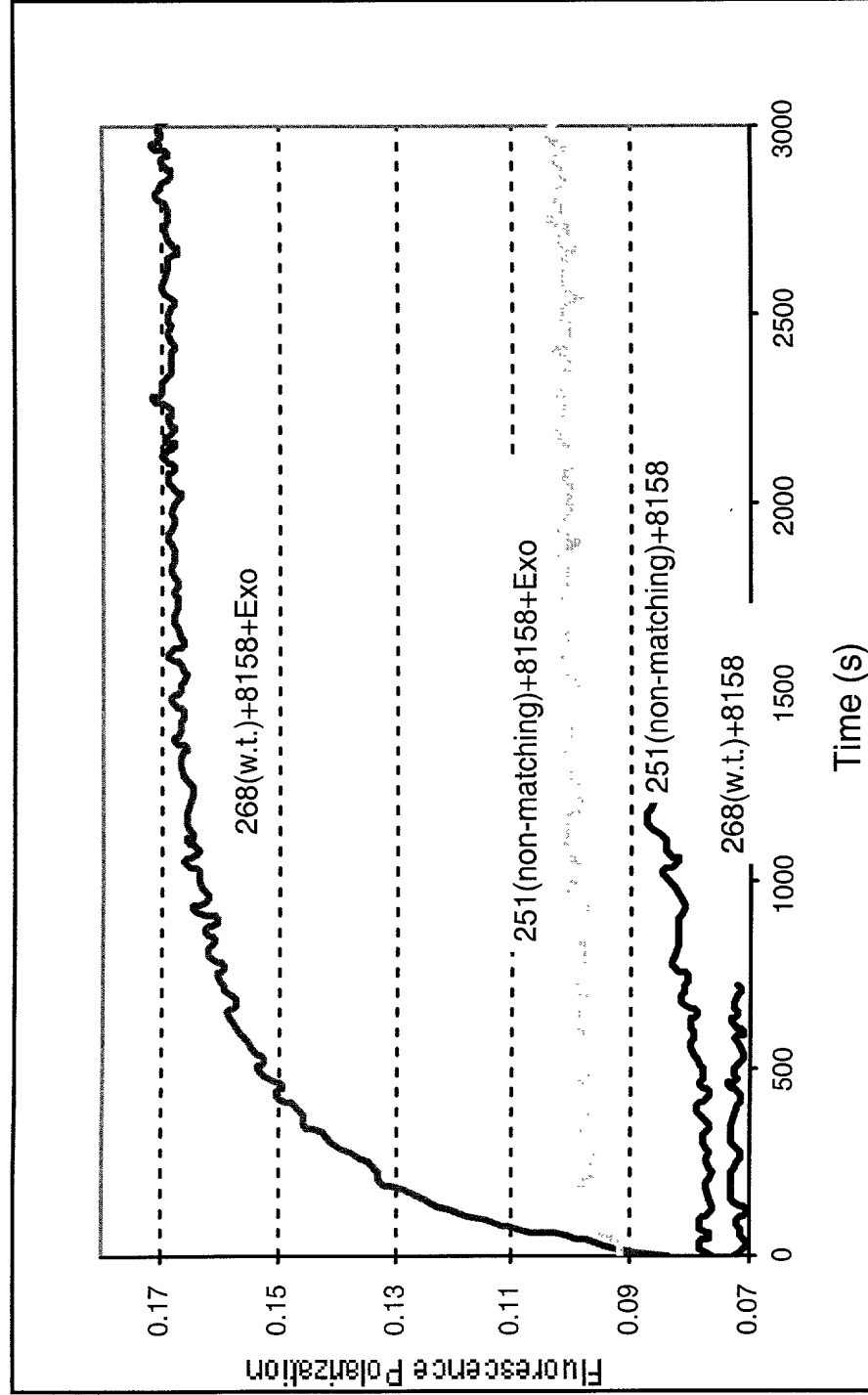


Fig. 4C



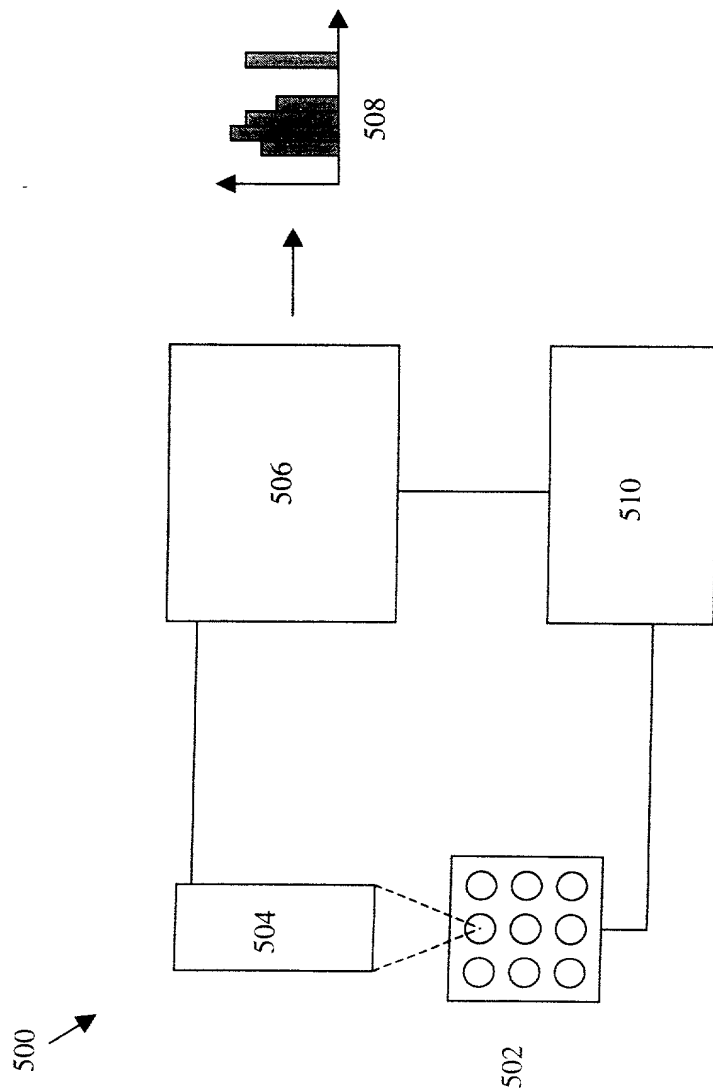


Figure 5

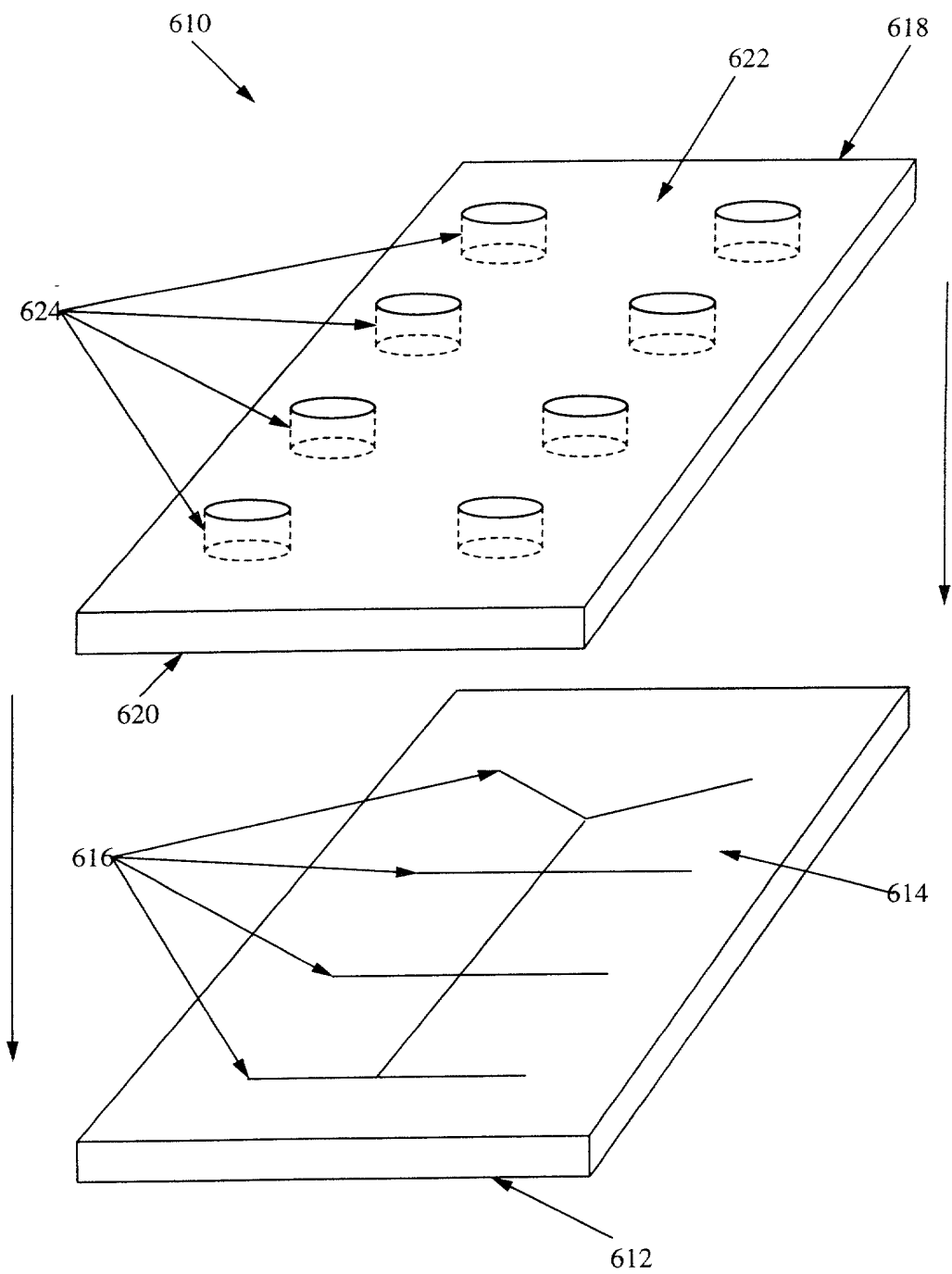


Figure 6

FIG. 7 is a schematic diagram of a system 700 for monitoring a process. The system 700 includes a sensor 702, a processor 704, and a display 706. The sensor 702 is connected to the processor 704, which is connected to the display 706. The display 706 displays a graphical representation of the process being monitored.

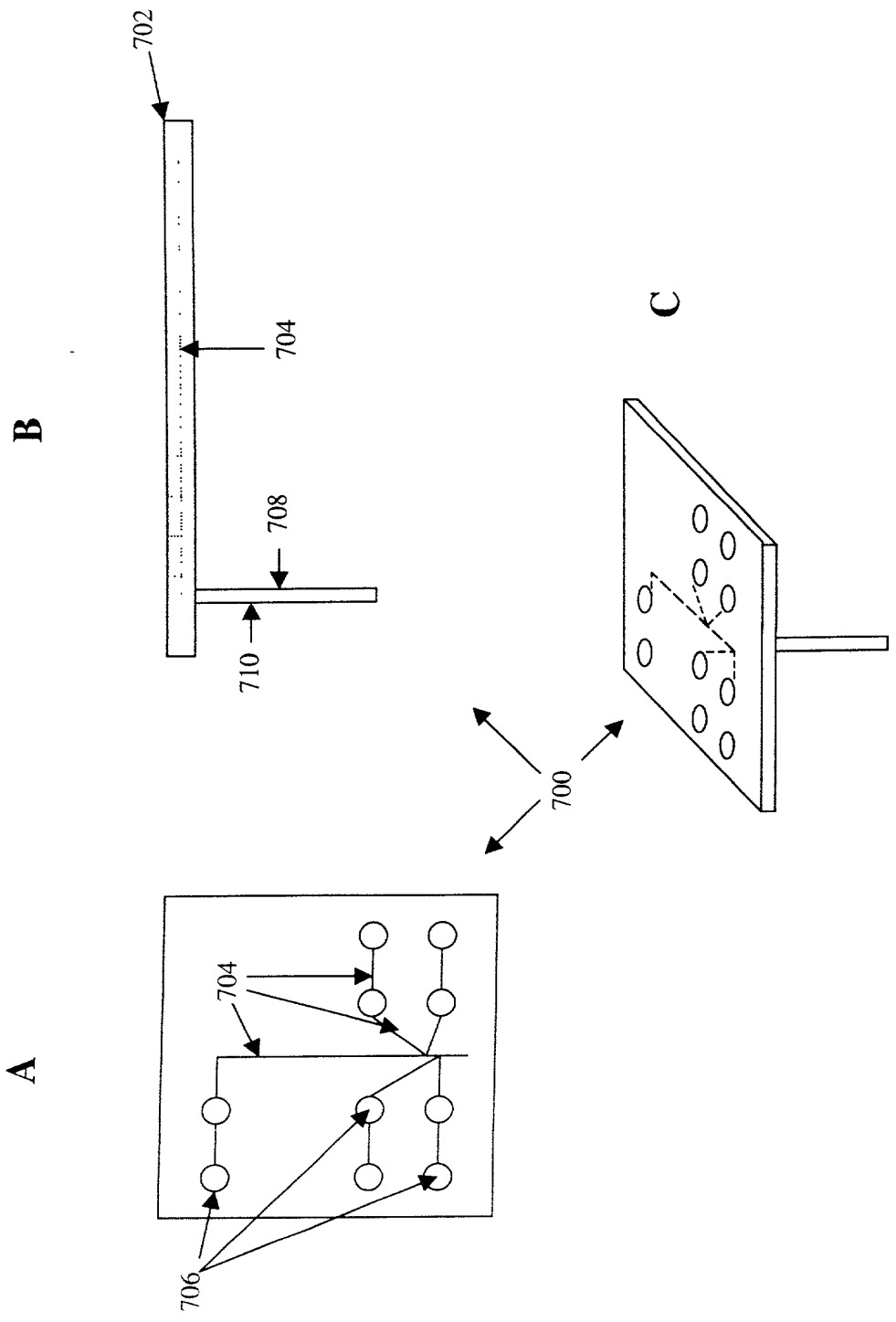


Figure 7

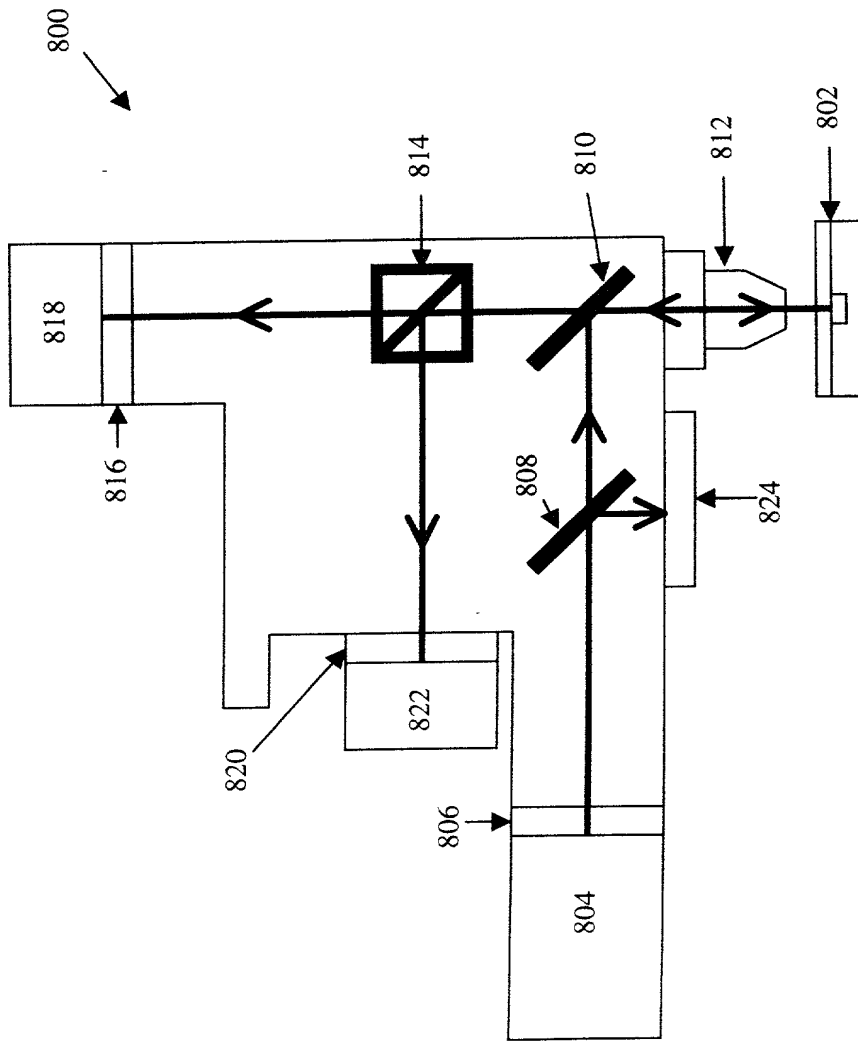


Figure 8

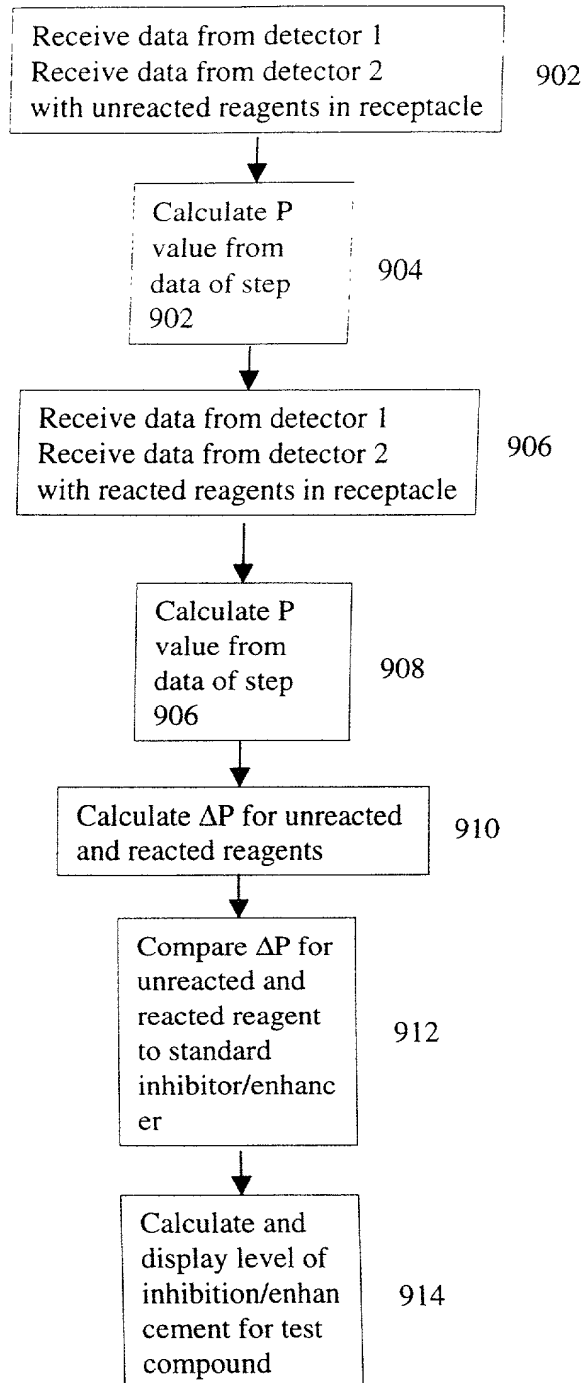


Figure 9

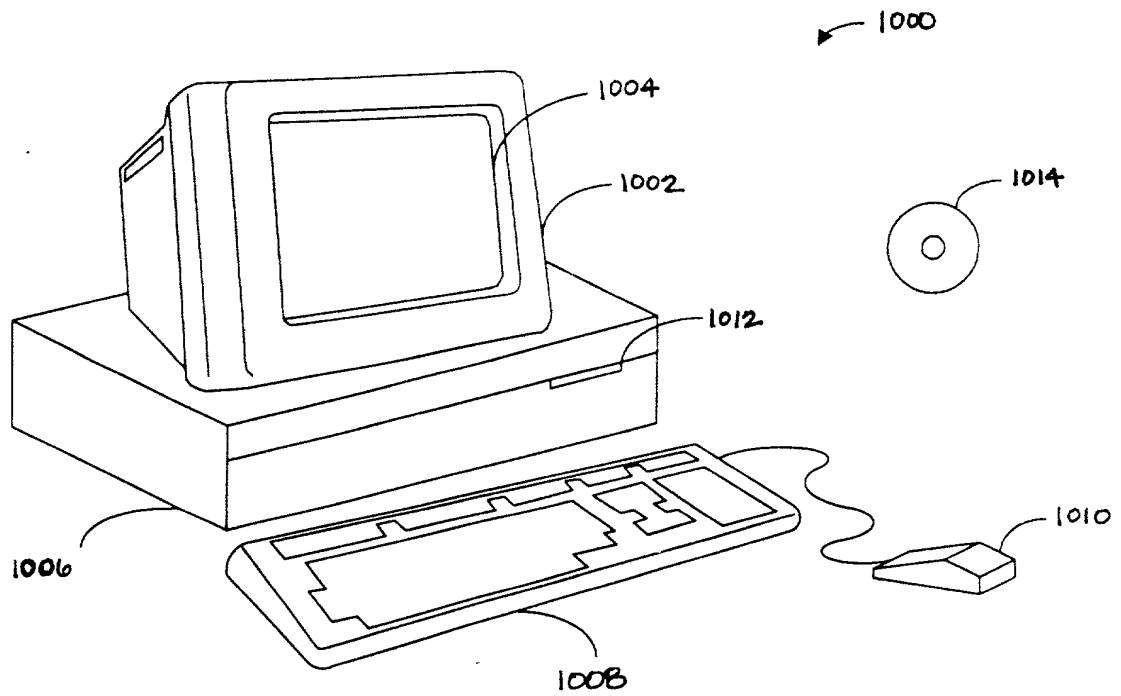


FIG. 10A

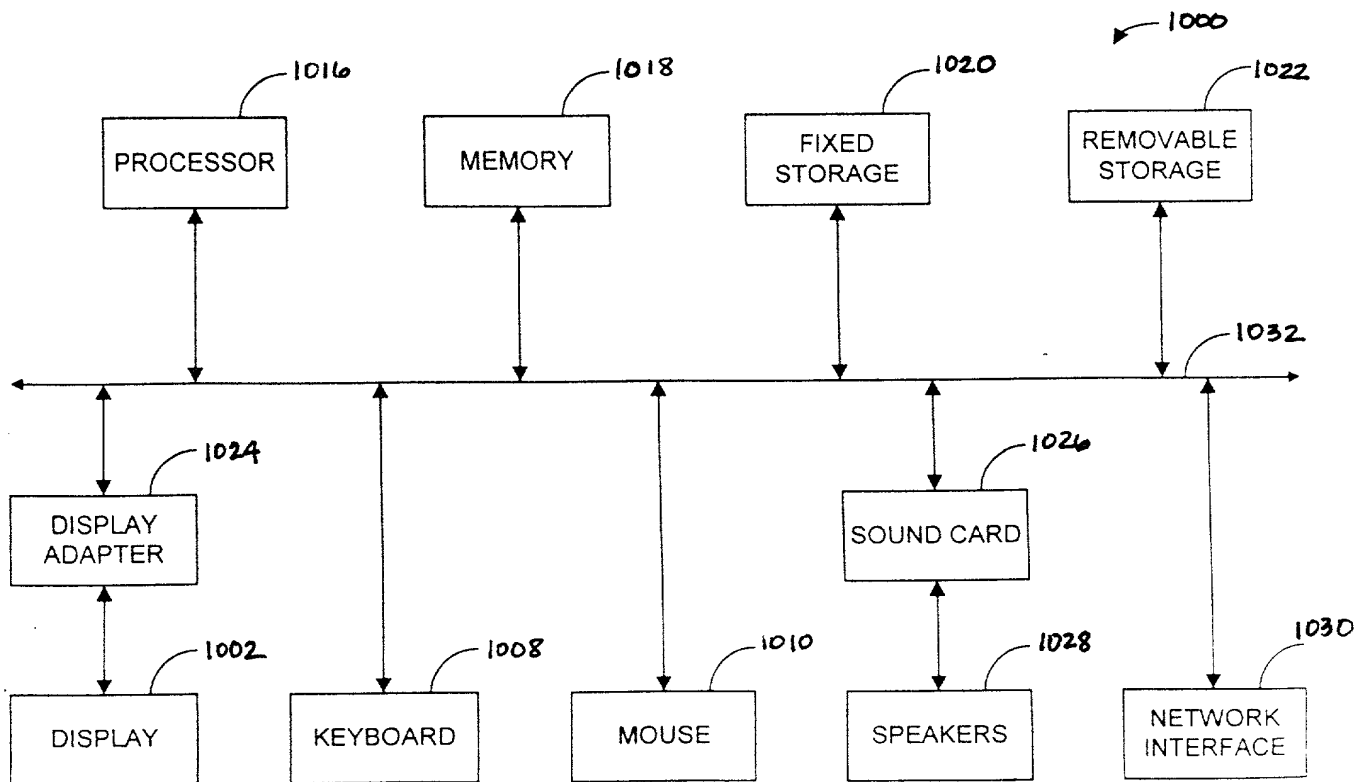


FIG. 10B

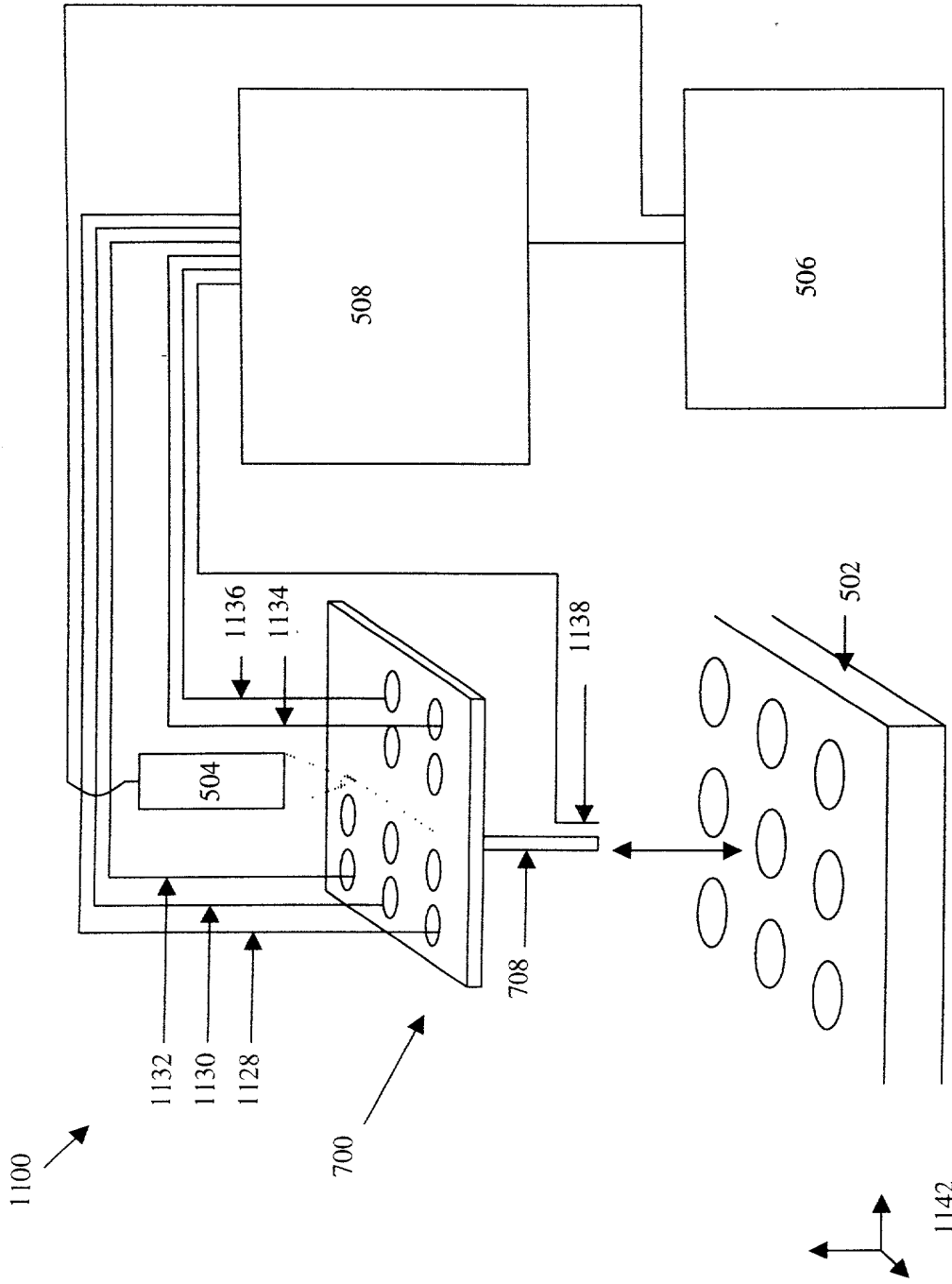
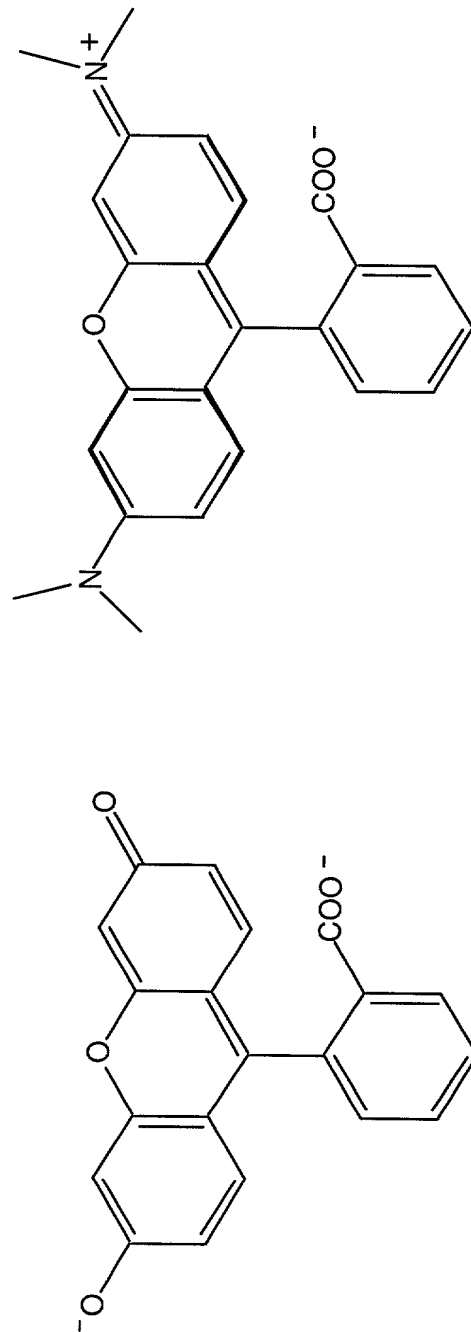


Figure 11

Fig. 12



Fluorescein

Rhodamine